



1743
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Patent

Attorney Docket: 302,670-004
(263/168)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Mark M. Wang et al.

Serial No.: 09/845,245

Filed: April 27, 2001

For: Methods and Apparatus for Use of
Optical Forces for Identification
Characterization and/or Sorting of Particles

Group Art Unit: 1743

Examiner: Not yet assigned

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Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO/SB/08A provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form PTO/SB/08A, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

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Respectfully submitted,

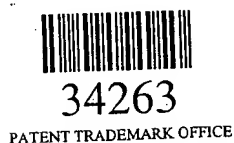
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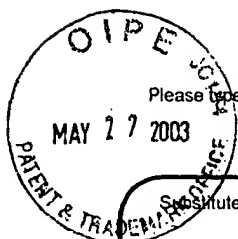
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Application Number	09/845,245
Filing Date	April 27, 2001
First Named Inventor	Mark M. Wang et al
Group Art Unit	1743
Examiner Name	Not Yet Assigned
Attorney Docket Number	0302670-00004 (form. 263/168)

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	US-4253846		Smythe et al	03/03/81	
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	US-4756427		Göhde	07/12/88	
	US-4886360		Finlan	12/12/89	
	US-5773298		Lynggaard et al	06/30/98	
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	US-6221654	B1	Quake et al	04/24/01	
	US-6224732	B1	Imasaka et al	05/01/01	
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	EP	0635994	B1	Imasaka et al	09/23/98		
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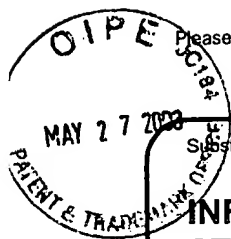
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	ASHKIN et al, "Force Generation Of Organelle Transport Measured In Vivo By An Infrared Laser Trap", Nature, 348, 11/22/90, 346-348.	
	CALDWELL, "Field-Flow Fractionation", Analytical Chemistry, 60, 17, 9/1/88, 959-971.	
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	DHOLAKIA et al, "Optical Tweezers: The Next Generation", Physics World, 10/02, 31-35.	
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	FLYNN et al, "Parallel Transport Of Biological Cells Using Individually Addressable VCSEL Arrays As Optical Tweezers", Sensors & Actuators B, 87, 2002, 239-243.	
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	SASAKI et al, "Optical Trapping Of A Metal Particle & A Water Droplet By A Scanning Laser Beam", Appl. Phys. Lett., 60, 7, 2/17/92, 807-809.	
	SHIKANO et al, "Separation Of A Single Cell By Red-Laser Manipulation", Applied Physics Letters, 75, 17, 10/25/99, 2671-2673.	
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	ZAHN et al, "Fluorimetric Multiparameter Cell Assay At The Single Cell Level Fabricated By Optical Tweezers", FEBS Letters, 443, 1999, 337-340.	

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